

IN THE CLAIMS

Please amend the claims in accordance with the following rewritten claims in clean form. Applicant includes herewith an Attachment for Claim Amendments showing a marked up version of each amended claim.

11. (Twice Amended) A sensor device comprising:

a circuit having electrodes, wherein at least one of the electrodes comprises a molecule recognizing film formed on the electrodes, the molecule recognizing film absorbing aromatic molecules to change an electrical resistance in connection with a change in volume of the molecule recognizing film by absorbing the aromatic molecules inside the molecule recognizing film; and

a transducing element to transduce the change in the electrical resistance of the molecule recognizing film into electric signals, the transducing element comprising a thin-film transistor.
